



SASO Fact Sheet

SYSTEM APPROACH FOR SAFETY OVERSIGHT

Pilot Project 135 Accomplishments

- Launched CFR Part 135 Pilot Project kick-off; and analyzed input from FAA SMEs for pilot project planning activities.
- Began first cycle of field visits to collect "As-Is" data
- Initiated first series of focus groups to assess change management needs

Pilot Project 135 Timeline

Phase I: Planning & Engineering

- Develop Pilot Project Plan
- Develop and Validate CFR Part 135 Requirements
- Conduct "As-Is" and Gap Analysis; and prepare "To-Be" Requirements

Phase II: Implementation

- CFR Part 135 Software Requirements & Design
- CFR Part 135 Software Development & Testing
- CFR Part 135 Training Development & Transition

Phase III: In-Service Management

- Continued improvement and maintenance of AFS system safety

SASO & CFR Part 135 Pilot Project

The System Approach for Safety Oversight Program (SASO) is an AVS initiative to transform the Flight Standards Service (AFS) and the aviation industry to a national standard of system safety.

In January 2005, three SASO Pilot Projects were requested to provide interim milestones throughout SASO Phase I. The third pilot project, the SASO CFR Part 135 Pilot Project, was initiated in April 2007 to design, develop, and demonstrate a standard, system safety based oversight system for all CFR Part 135 air operators based on the ATOS model. Leveraging lessons learned from the CFR Part 121 and 145 Pilot Projects, the CFR Part 135 Pilot Project will focus on developing an effective oversight system for CFR Part 135 operators that aligns with SASO principles.

SASO: A four part approach

Transformation to a system safety approach will require efforts in:



- **Business Process Re-engineering**
Changing the work that AFS personnel perform to incorporate system safety
- **Change Management**
Understanding and responding to the attitudes and behaviors of AFS personnel as they embrace a new way of doing business
- **System Alignment**
Changing existing AFS computer systems to support the new way of doing business
- **Enterprise Integration**
Making sure that the new way of doing business meets AVS requirements

Project Objectives

The CFR Part 135 Pilot Project has three core objectives.

Business Process Reengineering	Design	Development & Implementation
<ul style="list-style-type: none"> • Document "As-Is" business processes for CFR Part 135 • Begin design of oversight business processes • Ensure business processes accommodate all 135 air carriers • Define business processes not accommodated by ATOS model, if applicable 	<ul style="list-style-type: none"> • Complete design of "To-Be" business processes • Integrate "To-Be" business processes within the AFS SAS business process maps • Design oversight software in collaboration with AFS SAS software design team 	<ul style="list-style-type: none"> • Complete design of oversight software • Develop oversight software in collaboration with AFS SAS software design team • Design, develop, and deliver relevant training • Implement and evaluate oversight system in collaboration with AFS-900 implementation team



SASO

Frequently Asked Questions

SYSTEM APPROACH FOR SAFETY OVERSIGHT

SASO & SMS

One element of the SASO program is to reengineer AFS oversight processes to leverage the use of increasingly sophisticated Safety Management Systems (SMS) by aviation certificate holders.

While AVS is implementing a single SMS; the SASO program is responsible for implementing the AFS-specific elements of the AVSSMS. SASO will also provide Business Process Reengineering and Change Management & Implementation support to the rest of AVS.

Get involved with the 135 Pilot Project

Now is the best time to contribute to the SASO effort within CFR Part 135 during its inception. Visit SASO on the web and:

- Learn more about SASO and its pilot projects
- Subscribe to SASO's quarterly newsletter
- Download and distribute communications tools
- Provide feedback in support of the "As-Is" and "To-Be" documentation
- Schedule a SASO briefing or focus group

Is SASO more suited to CFR Part 121 oversight?

SASO is bringing system safety principles to all CFR parts. SASO launched the SASO CFR Part 135 Pilot Project in 2007 and is currently conducting "As-Is" studies on CFR Part 135. While the new environment will be different from CFR Part 121, there will likely be some similarities since the system safety based oversight system will be based on the ATOS model.

What will be different in CFR Part 135 oversight?

Although specific changes have yet to be determined, under SASO, the part 135 oversight processes will be assessed and redesigned as needed to integrate key system safety principles.

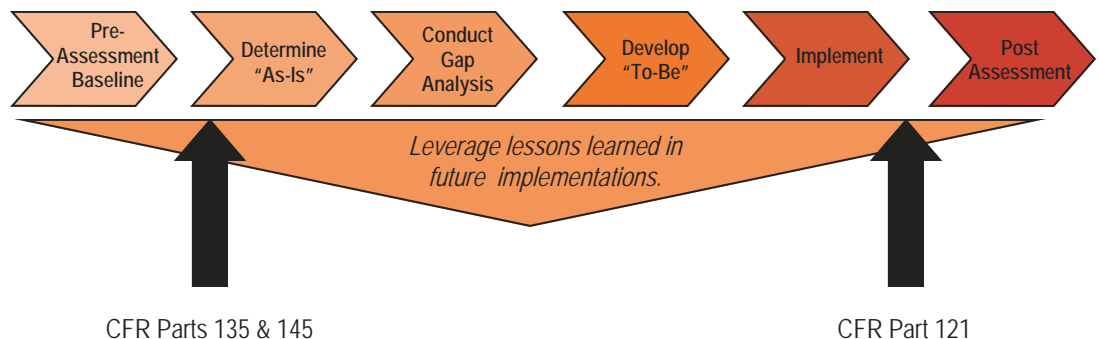
Is the CFR Part 135 Pilot Project assessing the current air carrier oversight processes and tools?

Yes. AFS-30 has been visiting FSDOs to observe first-hand how oversight is conducted. Initial visits were made to the Rochester and Columbus FSDOs in late 2007. A second cycle of visits will be conducted at the start of 2008 to eight additional FSDOs representing a cross-section of FAA regions and offices. Based on the data from these sites, initial process ("as-is") models will be developed.

What will be the differences between a CFR Part 135 single-pilot operator now and one under SASO?

SASO entails a shift in philosophy for all oversight. SASO will ultimately look at all types and sizes of certificate holders in the context of the specific risk management problems that affect a particular group of operators, including single pilot operators.

Where are the SASO Pilot Projects Today?



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FAQs